

FILE CAPTURING FILE SAVING

SIMPLE HORIZONTAL COMBINATION KEYED HORIZONTAL COMBINATION SIMPLE VERTICAL COMBINATION KEYED VERTICAL COMBINATION SIMPLE DIFFERENCE KEYED DIFFERENCE SIMPLE TOTALIZATION KEYED TOTALIZATION NUMBER-DESIGNATED ROW EXTRACTION VALUE-DESIGNATED ROW EXTRACTION CONDITION-DESIGNATED ROW EXTRACTION DATA-DESIGNATED ROW EXTRACTION SIMPLE HORIZONTAL-VERTICAL EXCHANGE COLUMN-TO-ROW CONVERSION ROW-TO-COLUMN CONVERSION CLASSIFICATION SIMPLE VALUE FILLING VACANT DATA-VALUE FILLING SAME-VALUE DEGENERATION SAME-VALUE EXPANSION REPETITIVE DEGENERATION REPETITIVE EXPANSION

EXECUTION

FIG.3

A	A 1	A2
С	C1	C2
В	B1	B2

Α	A 3	A 4
В	В3	В4
D	D3	D4
Е	E3	E4

SIMPLE HORIZONTAL COMBINATION

Α	A1	A 2	A	A 3	A4
С	C1	C2	В	В3	B4
В	B1	B2	D	D3	D4
			E	E3	E4

FIG.4

Α	A1	A2	A	A3	A4	KEYED HORIZONTAL	A	A1	A2	A	A3	A4
С	C1	C2	В	В3	B4	COMBINATION	С	C1	C2			
В	B1	В2	D	D3	D4	<u></u>	В	B1	B2	В	ВЗ	В4
						FIRST COLUMN				D	D3	D4

FIG.5

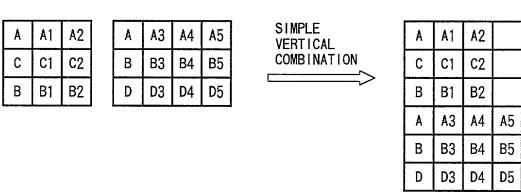


FIG.6

Α	Χ	Υ	A	Υ	Z	KEYED VERTICAL	A	Х	Y	
С	C1	C2	В	В3	B4	COMBINATION	С	C1	C2	
В	B1	B2	D	D3	D4	A	В	B1	B2	
						FIRST	Α		Υ	Z
						ROW	В		ВЗ	В4
							D		D3	D4

FIG.7

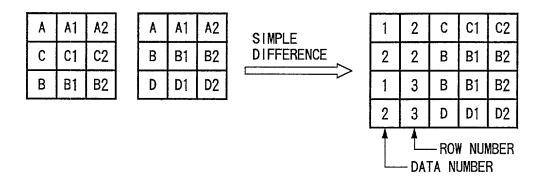


FIG.8

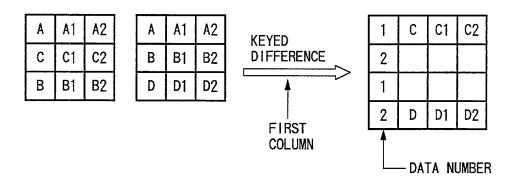


FIG.9

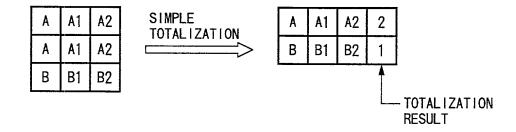


FIG.10

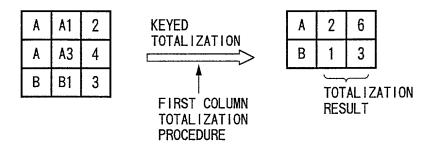


FIG.11

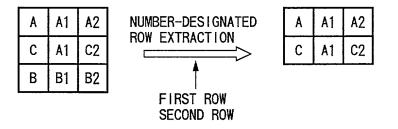


FIG.12

A	A1	A2	VALUE-DESIGNATED	A	A1	A
С	A1	C2	ROW EXTRACTION	С	A1	C;
В	B1	B2	†			
		-	SECOND COLUMN. A1			

FIG.13

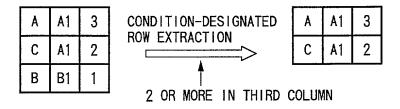


FIG.14

A	A1	A2	A	A 3	A4	DATA-DESIGNATED ROW EXTRACTION	A	A 1	A2
С	C1	C2	В	В3	B4		В	B1	В2
В	B1	B2	D	D3	D4	FUNOT			
						FIRST COLUMN			

FIG.15

1				SIMPLE	· · · · ·		Γ.
	A	A1	A2	HORIZONTAL-VERTICAL EXCHANGE	A	С	В
	С	A 1	C2	LACTANOL	A1	C1	B1
	В	B1	B2		A2	C2	B2

FIG.16

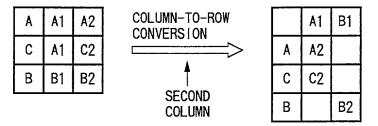


FIG.17

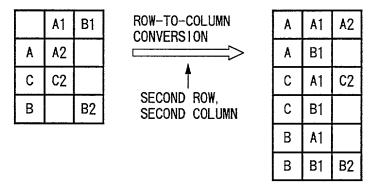


FIG.18

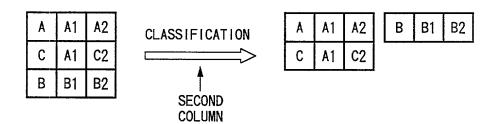


FIG.19

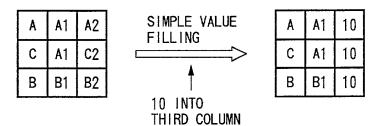


FIG.20

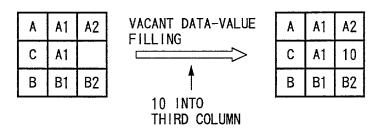


FIG.21

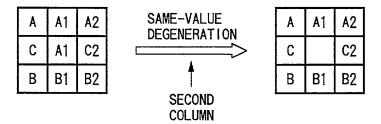


FIG.22

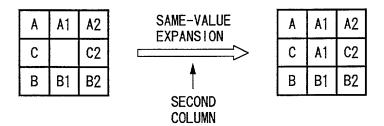


FIG.23

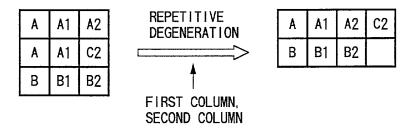
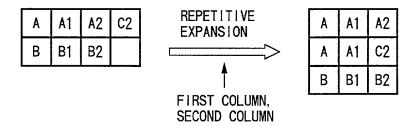


FIG.24



× NEW SEARCH(W) ADVANCED(A) FIND NOW(F) $OPEN(\underline{0})$ CANCEL 20 00/08/07 13:18 00/03/07 23:02 00/03/07 23:01 ANY TIME MODIFIED TEXT OR PROPERTY (\underline{X}) : LAST MODIFIED (\underline{M}) : Microsoft Exce... Microsoft Exce... Microsoft Exce... TYPE D D FIND FILES THAT MATCH THESE SEARCH CONDITION D 18KB 17KB 26KB SIZE (*.*) ALL FILES RETRIEVE(1): | 🗀 sample FILE OF TYPE($\overline{\mathtt{L}}$): 🖺 MINAGAWA. xis 3 FILE(s) FOUND Sample.xls FILE NAME (\underline{N}) : SATO. x1s FILE OPEN NAME

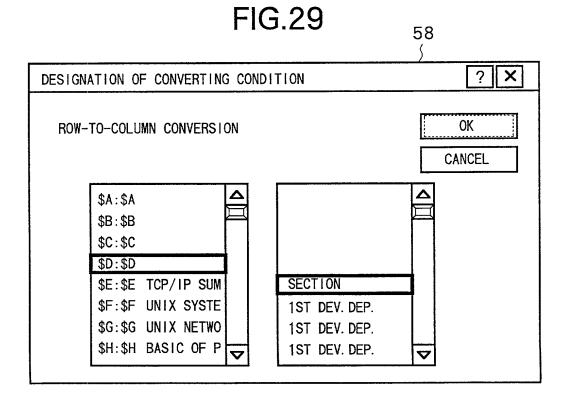
FIG.25

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DESIGNATION O	F CONVERSION TARGET WORKSHE	ΞT	? ×
FILE CAPTUR	E		OK
MAIN INPUT	XLSheet0	∇	CANCEL
SUB-INPUT	XLSheet0	∇	
OUTPUT	XLSheet8		
	Sheet1 HISTORICAL LOG	△ ♥	
	ADD INTO WORKSHEET		

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H	BASIS OF PROGRAM DEVELOPMENT ON UNIX	S. B. 0	12	NUMAZU									0				
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FIG.28 56 X DESIGNATION OF CONVERSION TARGET WORKSHEET ROW-TO-COLUMN CONVERSION OK **CANCEL** MAIN INPUT XLSheet0 ∇ ∇ SUB-INPUT XLSheet0 **OUTPUT** XLSheet1 XLSheet0 XLSheet1 ADD INTO WORKSHEET

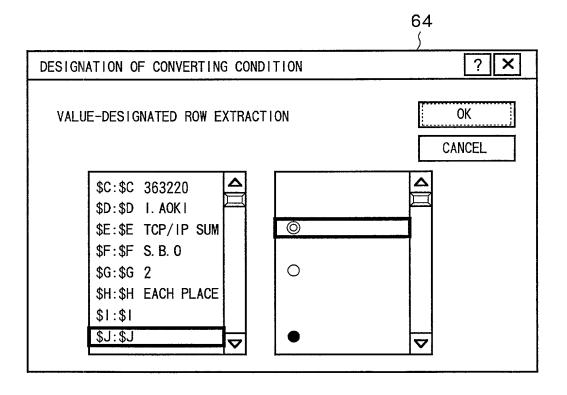


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FIG.30 60	F E	`S'	1ST DEV. DEP GS/SURE 363220 1. AOKI UNIX SYSTEM CALL PROGRAMMING	DEV. DEP GS/SURE 363220 I. AOKI [UNIX_NETWORK_PROGRAMMING	DEV. DEP GS/SURE 363220 I. AOKI BASIS OF PROGRAM DEVELOPMENT ON UNIX	15T DEV. DEP 65/SURE 363220 I. AOKI BASIS OF MULTITHREAD PROGRAMMING BY WIN32API	GS/SURE 363220 1. AOK BASIS OF DATA STRUCTURE	1ST DEV. DEP 65/SURE 363220 1. AOK BASIS OF DATA STRUCTURE	6S/SURE 363220 1. AOK REVIEW TECHNIQUE	IST DEV. DEP 6S/SURE 383220 I. AOKI QUALITY CONTROL TECHNIQUE FOR LEADERS	15T DEV. DEP 65/SURE 363220 1. AOK PROJECT SIMULATION		CTING AND EDUCATING SUBORDINATE	3632201. AOKI PROBLEM FINDING AND SOLVING SKILL	1ST DEV. DEP GS/SURE 38322011. AOKI SUBJECT FINDING ABILITY IMPROVEMENT FOR IMPROVED PROFIT	1ST DEV. DEP GS/SURE 363220[1. AOK1 REVIEW TEST TECHNIQUE IN PROGRAM DEVELOPMENT	DEV. DEP GS/SURE 363220] I. AOK I PARTS REUSAGE TECHNIQUE IN PROGRAM DEVELOPMENT	1ST DEV. DEP GS/SURE 363220 1. AOK1 SQL GUIDE	IST DEV. DEP GS/SURE 363220 1. AOK1 BASIS OF NETWORK	IST DEV. DEP GS/SURE 363220 I. AOK I DESIGN PRACTICE OF LAN	IST DEV. DEP GS/SURE 363220 1. AOK1 DESIGN PRACTICE OF WAN	DEV. DEP GS/SURE 363220 1. AOK 1 BASIS OF UNIX NETWORK	1ST DEV. DEP GS/SURE 363220]1. AOKI UNIX NETWORK PROGRAMMING	1ST DEV. DEP GS/SURE 363220] I. AOKI BASIS OF WINDOWS NT	IST DEV. DEP GS/SURE 363220 1. AOK1 BAS1S OF PROJECT MANAGEMENT	IST DEV. DEP GS/SURE 36322011. AOKI BASIS OF EVALUATION DEVELOPMENT PLAN AND MANAGEMENT FOR LEADERS	IST DEV. DEP GS/SURE 363220 I. AOKI SYSTEM QUALITY MANAGEMENT WORKSHOP	1ST DEV. DEP GS/SURE 363220 1. AOK1 PSYCHOLOGY AND ORGANIZATION THEORY FOR LEADERS	IST DEV. DEP GS/SURE 363220 1. AOKI ACTION TRAINING FOR LEADERS	GS/SURE 363220 1. AOK I RISK MANAGEMENT WORKSHOP	1ST DEV. DEP GS/SURE 363220 1. AOK1 DEBATING TECHNIQUE S.	

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DESIGNATION O	F CONVERSION TARGET WORKSHEET	? X
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MAIN INPUT	XLSheet1	CANCEL
SUB-INPUT	XLSheet1	
OUTPUT	XLSheet2	
	script △ ▼	
	ADD INTO WORKSHEET	

FIG.32



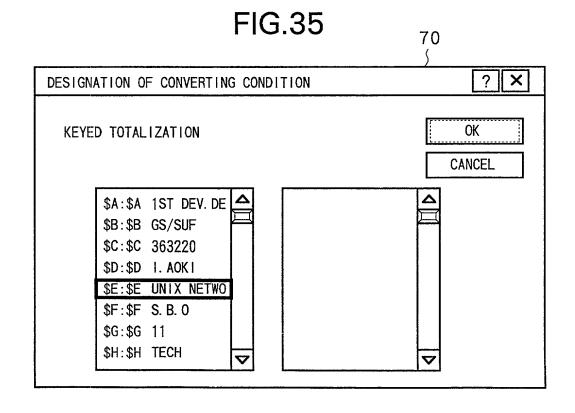
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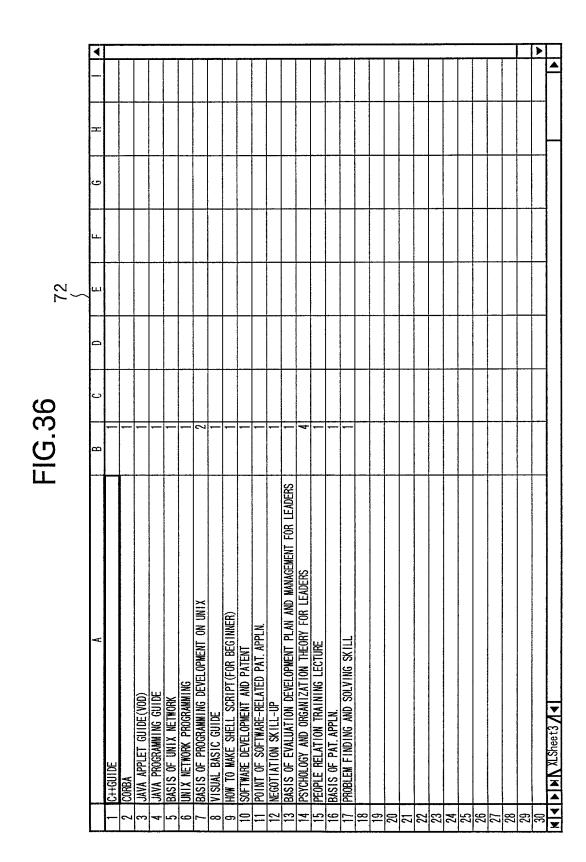
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FIG.33

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FIG.34 68 X DESIGNATION OF CONVERSION TARGET WORKSHEET ? 0K KEYED TOTALIZATION **CANCEL** MAIN INPUT XLSheet2 ∇ SUB-INPUT XLSheet2 ∇ OUTPUT XLSheet3 script FillEmptyCells ADD INTO WORKSHEET





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FIG.38 76 DESIGNATION OF CONVERSION TARGET WORKSHEET OK **EXECUTION CANCEL** MAIN INPUT script ∇ SUB-INPUT XLSheet ∇ OUTPUT XLSheet4 script FillEmptyCells ADD INTO WORKSHEET

1 ᆂ 7~ D XLSheet0 FIG.39 C XLSheet() XLSheet() XLSheet(2) XLSheet(3) 罒 XLSheet0 XLSheet1 XLSheet2 FILE CAPTURING
ROW-TO-COLUMN CONVERSION
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SATO. x1s	17KB	Microsoft Exce	00/03/07 23:01	P	ADVANCED (A)
☐ sample.xls	26KB	Microsoft Exce	00/08/07 13:18		
FIND FILES THAT MATCH THESE	H THESE SEARCH CONDITION	NO			
FILE NAME (\underline{N}) :		$lacktriangleright$ TEXT OR PROPERTY(\underline{X}):	TY(<u>X</u>):		FIND NOW(F)
FILE OF TYPE($\overline{\mathtt{I}}$): $\overline{\mathtt{A}}$	ALL FILES (*.*)	LAST MODIFIED(M):	M): ANY TIME	NEM	NEW SEARCH(W)
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FIG.41

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3					EMPLOYEE NO.	363207	752495	363212	414405	424873														
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C					EMPLOYEE NO.	870510	363216	371711	392283															
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